



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H05K13/04

TO IN

		10/	528816	
According t	o International Patent Classification (IPC) or to both national class	sification and IPC		
	SEARCHED			
IPC 7	ocumentation searched (classification system followed by classific H05K	cation symbols)		
Documenta	ation searched other than minimum documentation to the extent th	at such documents are included in the fields so	earched .	
Electronic d	data base consulted during the international search (name of data	base and, where practical, search terms used	J)·	
EPO-In	iternal, WPI Data, PAJ			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.	
Α	US 5 862 586 A (KIMURA AKIRA) 26 January 1999 (1999-01-26) claims; figures		1	
A	US 5 860 208 A (NOMURA HIROAKI) 19 January 1999 (1999-01-19) abstract; figures) 	1	
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- Furt	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.	
"A" docume consider the consider the consider the consider the consideration of the considera	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) lent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 		
	actual completion of the international search 23 March 2004	Date of mailing of the international se 31/03/2004	arch report	
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Authorized officer		

INTERNATIONAL SEARCH REPORT

tion on patent family members

Internati.	-	ipplication No
F	۲۱	03/15570

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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